

856 Ship Notice/Manifest

Functional Group ID=**SH**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

1. Organizations use this transaction set to provide shipment status to the wholesale distribution system for authorized material returns, including automatic returns.

2. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlmso>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BSN	Beginning Segment for Ship Notice	M	1		
Not Used	040	DTM	Date/Time Reference	O	10		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
7	010	HL	Hierarchical Level	M	1		c1
9	020	LIN	Item Identification	O	1		
13	030	SN1	Item Detail (Shipment)	O	1		
Not Used	040	SLN	Subline Item Detail	O	1000		
Not Used	050	PRF	Purchase Order Reference	O	1		
Not Used	060	PO4	Item Physical Details	O	1		
Not Used	070	PID	Product/Item Description	O	200		

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Not Used	080	MEA	Measurements	O	40
Not Used	090	PWK	Paperwork	O	25
Not Used	100	PKG	Marking, Packaging, Loading	O	25
Not Used	110	TD1	Carrier Details (Quantity and Weight)	O	20
14	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	130	TD3	Carrier Details (Equipment)	O	12
Not Used	140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	145	TSD	Trailer Shipment Details	O	1
16	150	REF	Reference Identification	O	>1
Not Used	151	PER	Administrative Communications Contact	O	3
LOOP ID - LH1					100
Not Used	152	LH1	Hazardous Identification Information	O	1
Not Used	153	LH2	Hazardous Classification Information	O	4
Not Used	154	LH3	Hazardous Material Shipping Name	O	12
Not Used	155	LFH	Freeform Hazardous Material Information	O	20
Not Used	156	LEP	EPA Required Data	O	>1
Not Used	157	LH4	Canadian Dangerous Requirements	O	1
Not Used	158	LHT	Transborder Hazardous Requirements	O	3
Not Used	159	LHR	Hazardous Material Identifying Reference Numbers	O	10
Not Used	160	PER	Administrative Communications Contact	O	5
Not Used	161	LHE	Empty Equipment Hazardous Material Information	O	1
LOOP ID - CLD					200
Not Used	170	CLD	Load Detail	O	1
Not Used	180	REF	Reference Identification	O	200
Not Used	185	DTP	Date or Time or Period	O	1
Not Used	190	MAN	Marks and Numbers	O	>1
19	200	DTM	Date/Time Reference	O	10
Not Used	210	FOB	F.O.B. Related Instructions	O	1
Not Used	215	PAL	Pallet Information	O	1
LOOP ID - N1					200
20	220	N1	Name	O	1
Not Used	230	N2	Additional Name Information	O	2
Not Used	240	N3	Address Information	O	2
Not Used	250	N4	Geographic Location	O	1
Not Used	260	REF	Reference Identification	O	12
Not Used	270	PER	Administrative Communications Contact	O	3
Not Used	280	FOB	F.O.B. Related Instructions	O	1
Not Used	290	SDQ	Destination Quantity	O	50
Not Used	300	ETD	Excess Transportation Detail	O	1
Not Used	310	CUR	Currency	O	1
LOOP ID - SAC					>1
Not Used	320	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	325	CUR	Currency	O	1

Not Used	330	GF	Furnished Goods and Services	O	1
Not Used	335	YNQ	Yes/No Question	O	10
LOOP ID - LM					10
22	340	LM	Code Source Information	O	1
23	350	LQ	Industry Code	M	100
LOOP ID - V1					>1
Not Used	360	V1	Vessel Identification	O	1
Not Used	370	R4	Port or Terminal	O	>1
Not Used	380	DTM	Date/Time Reference	O	>1

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Not Used	010	CTT	Transaction Totals	O	1		n1
25	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 856 Ship Notice/Manifest	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M AN 4/9

Segment: **BSN** Beginning Segment for Ship Notice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes: 1 If BSN07 is present, then BSN06 is required.
Semantic Notes: 1 BSN03 is the date the shipment transaction set is created.
2 BSN04 is the time the shipment transaction set is created.
3 BSN06 is limited to shipment related codes.
Comments: 1 BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BSN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 77 Simulation Exercise	M ID 2/2
M	BSN02	396	Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment <i>Use Code "ZZ" for this data element to satisfy mandatory X12 syntax requirements.</i>	M AN 2/30
M	BSN03	373	Date Date expressed as CCYYMMDD <i>This date corresponds to the Universal Time Coordinate (UTC).</i>	M DT 8/8
M	BSN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>1. Express the originating activity's time in UTC.</i> <i>2. Express time in a four-position (HHMM) format.</i>	M TM 4/8
Not Used	BSN05	1005	Hierarchical Structure Code Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set	O ID 4/4
Must Use	BSN06	640	Transaction Type Code Code specifying the type of transaction	X ID 2/2

FT

Material Returns

Notification by a military organization providing
shipping information related to the return of material
not needed

BSN07

641

Status Reason Code

O ID 3/3

Code indicating the status reason

W05

Order Discrepancy

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:**Semantic Notes:**

- Comments:**
- 1** The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2** HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3** HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4** HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5** HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

- Notes:**
- 1.** *The transaction set hierarchical data structure is address information followed by transaction shipment status.*
 - 2.** *Use the first 2/HL/010 loop iteration to provide transaction set address information.*
 - 3.** *Use the second and all subsequent 2/HL/010 loop iterations to identify individual transaction shipment status information.*

Data Element Summary

	Ref.	Des.	Data Element		Attributes
			Element	Name	
M		HL01	628	Hierarchical ID Number	M AN 1/12
				A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
				<i>In the first 2/HL/010 loop iteration, cite 1. In each subsequent loop iteration, increase incrementally by 1.</i>	
Not Used		HL02	734	Hierarchical Parent ID Number	O AN 1/12
				Identification number of the next higher hierarchical data segment that the	

data segment being described is subordinate to			
M	HL03	735	Hierarchical Level Code M ID 1/2
Code defining the characteristic of a level in a hierarchical structure			
V Address Information			
The HL loop will identify entities associated with the shipment notice transaction			
W Transaction Reference Number			
The HL loop will identify shipment notice information for each reported transaction reference number			
Not Used	HL04	736	Hierarchical Child Code O ID 1/1
Code indicating if there are hierarchical child data segments subordinate to the level being described			

Segment:	LIN Item Identification
Position:	020
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	<i>Must use in 2/HL/010 transaction reference number loops to identify the material shipped. Do not use in the 2/HL/010 address loop.</i>

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	LIN01	350 Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
M	LIN02	235 Product/Service ID Qualifier	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<i>Following is a list of preferred codes.</i>	
		A1	Plant Equipment Number
			Item identifier is a plant equipment number
		A2	Department of Defense Identification Code (DoDIC)
			Qualifies a code that uniquely identifies a type of explosive or ammunition
		A4	Subsistence Identification Number

			F4	Item identifier is a brand-name resale subsistence item Series Identifier An identification of equipment having the same basic design but not necessarily identical configurations (within the equipment model)
			FB	Form Number
			FS	National Stock Number
			FT	Federal Supply Classification
			MG	Manufacturer's Part Number
			MN	Model Number
			SN	Serial Number
			YP	Publication Number
			ZZ	Mutually Defined
M	LIN03	234	Product/Service ID	M AN 1/48 Identifying number for a product or service
	LIN04	235	Product/Service ID Qualifier	X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>Use only one of codes CN or ZB to fully identify the material.</i>
			CN	Commodity Name
			ZB	Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government
	LIN05	234	Product/Service ID	X AN 1/48 Identifying number for a product or service
Not Used	LIN06	235	Product/Service ID Qualifier	X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Not Used	LIN07	234	Product/Service ID	X AN 1/48 Identifying number for a product or service
Not Used	LIN08	235	Product/Service ID Qualifier	X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Not Used	LIN09	234	Product/Service ID	X AN 1/48 Identifying number for a product or service
Not Used	LIN10	235	Product/Service ID Qualifier	X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Not Used	LIN11	234	Product/Service ID	X AN 1/48 Identifying number for a product or service
Not Used	LIN12	235	Product/Service ID Qualifier	X ID 2/2

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN13	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN14	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN15	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN16	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN17	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN18	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN19	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN20	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN21	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN22	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN23	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN24	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN25	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN26	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN27	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN28	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

Not Used	LIN29	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	LIN30	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	LIN31	234	Product/Service ID Identifying number for a product or service	X AN 1/48

Segment:	SN1	Item Detail (Shipment)
Position:	030	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify line-item detail relative to shipment	
Syntax Notes:	1 If either SN105 or SN106 is present, then the other is required.	
Semantic Notes:	1 SN101 is the ship notice line-item identification.	
Comments:	1 SN103 defines the unit of measurement for both SN102 and SN104.	
Notes:	<i>Use only in 2/HL/010 transaction reference number loops to identify the number of units shipped.</i>	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	SN101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
M	SN102	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set <i>1. Use to identify the shipped quantity.</i> <i>2. Express as a whole number with no decimals.</i>	M R 1/10
M	SN103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use to identify the unit of issue for the material shipped.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	SN104	646	Quantity Shipped to Date Number of units shipped to date	O R 1/15
Not Used	SN105	330	Quantity Ordered Quantity ordered	X R 1/15
Not Used	SN106	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	SN107	728	Returnable Container Load Make-Up Code Code identifying the load make-up of the returnable containers in the shipment	O ID 1/2
Not Used	SN108	668	Line Item Status Code Code specifying the action taken by the seller on a line item requested by the buyer	O ID 2/2

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	120
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required. 5 If TD513 is present, then TD512 is required. 6 If TD514 is present, then TD513 is required. 7 If TD515 is present, then TD512 is required.
Semantic Notes:	1 TD515 is the country where the service is to be performed.
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	<i>Use only in 2/HL/010 transaction reference number loops to identify the mode of shipment.</i>

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Not Used	TD501	133 Routing Sequence Code	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
Not Used	TD502	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
Not Used	TD503	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
Must Use	TD504	91 Transportation Method/Type Code	X ID 1/2
		Code specifying the method or type of transportation for the shipment	
		<i>Use to identify the mode of shipment.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	TD505	387 Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
Not Used	TD506	368 Shipment/Order Status Code	X ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	

Not Used	TD507	309	Location Qualifier Code identifying type of location	O ID 1/2
Not Used	TD508	310	Location Identifier Code which identifies a specific location	X AN 1/30
Not Used	TD509	731	Transit Direction Code The point of origin and point of direction	O ID 2/2
Not Used	TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time	O ID 2/2
Not Used	TD511	733	Transit Time The numeric amount of transit time	X R 1/4
Not Used	TD512	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	X ID 2/2
Not Used	TD513	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	X ID 2/2
Not Used	TD514	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	O ID 2/2
Not Used	TD515	26	Country Code Code identifying the country	O ID 2/3

Segment:	REF Reference Identification
Position:	150
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>Use in 2/HL/010 transaction reference number loops to provide financial data citing the fund purpose code and either or both of the fund code and the long-line accounting data.</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Following is a list of preferred codes.</i> BT Batch Number FG Fund Identification Number LT Lot Number SE Serial Number TG Transportation Control Number (TCN) TN Transaction Reference Number	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content <i>Use with REF01 code FG and REF04-01 code AT to cite the supplemental accounting classification data.</i>	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier <i>1. When providing financial data (REF01 is FG):</i> <i>If providing only the fund code use REF04-01 code FU and cite the fund code in REF04-02.</i> <i>If providing only the long-line accounting data use REF04-01 code AT</i>	O

and cite the basic appropriation data in REF04-02. Use REF04-03 code 10 and cite the accounting station number REF04-04.

If providing both use REF04-01 code FU, REF04-03 code AT and REF04-05 code 10 citing the related data in the following data element of the pair.

2. When needed, use codes from REF01-01 and the next available combination of data element 128/127 pairs to provide the necessary data.

M	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
		08	Carrier Assigned Package Identification Number	
			A reference number assigned by a carrier to uniquely identify a single package	
		10	Account Managers Code	
			Identifies the telecommunications manager assigned to this account	
		AT	Appropriation Number	
		AW	Air Waybill Number	
		BL	Government Bill of Lading	
		BM	Bill of Lading Number	
		FU	Fund Code	
			Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund	
		IZ	Insured Parcel Post Number	
			Number assigned to control an insured parcel post shipment from shipper to consignee	
		K1	Foreign Military Sales Notice Number	
			Number assigned to control a foreign military sales shipment from shipper to consignee	
		K2	Certified Mail Number	
			Number assigned by U.S. Postal Service (USPS) to monitor the movement of certified mail from point of acceptance by USPS to point of delivery	
		K3	Registered Mail Number	
			Number assigned by U.S. Postal Service (USPS) to monitor the movement of mail from point of acceptance by USPS to point of delivery	
		W8	Suffix	
			Differentiates between partial actions taken on the original transaction	
		WY	Waybill Number	

		ZH	Carrier Assigned Reference Number		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
			<i>For valid codes, see REF04, C04001.</i>		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
			<i>For valid codes, see REF04, C04001.</i>		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **DTM** **Date/Time Reference**

Position: 200

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *Use only in 2/HL/010 transaction reference number loops to identify dates associated with the shipment status.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
M	DTM01	374 Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time	
		011 Shipped	
		514 Transferred	
Must Use	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
Not Used	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment:	N1 Name
Position:	220
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<ol style="list-style-type: none"> 1. <i>Must use the 2/N1/220 loop in the 2/HL/010 address loop to identify the organization originating the transaction set and the organization to receive the transaction set.</i> 2. <i>Must use the 2/N1/220 loop in every 2/HL/010 transaction reference number loop to identify the shipment unit consignor, consignee, and carrier.</i> 3. <i>Use the 2/N1/220 loop as needed in 2/HL/010 transaction reference number loops to identify the manufacturer of UIT and the organization to receive credit when that organization varies from the organization originating the transaction set.</i>

Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<i>Following is a list of preferred codes.</i>	
		41 Submitter	
		Entity transmitting transaction set	
		CA Carrier	
		CN Consignee	
		MF Manufacturer of Goods	
		SF Ship From	
		ST Ship To	
		Z1 Party to Receive Status	
		An organization that will receive information about a transaction	
		Z4 Owning Inventory Control Point	

				An inventory control organization responsible for management of a particular item
			ZB	Party to Receive Credit
				The organization to which credit will be granted
Not Used	N102	93	Name	X AN 1/60
			Free-form name	
Must Use	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1	D-U-N-S Number, Dun & Bradstreet
			2	Standard Carrier Alpha Code (SCAC)
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
			10	Department of Defense Activity Address Code (DODAAC)
			33	Commercial and Government Entity (CAGE)
			A2	Military Assistance Program Address Code (MAPAC)
				Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
			M4	Department of Defense Routing Identifier Code (RIC)
				An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions
Must Use	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			<i>Use only in 2/HL/010 address loops.</i>	
			FR	Message From
				<i>Must use with the appropriate 2/N101/220 code to indicate the organization cited in N104 is sending the transaction set.</i>
			TO	Message To
				<i>Must use with the appropriate 2/N101/220 code to indicate the organization cited in N101 is receiving the transaction set.</i>

Segment: **LM** **Code Source Information**
Position: 340
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Use only in 2/HL/010 transaction reference number loops to identify coded information maintained in department or agency documentation.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 350
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		O ID 1/3
Must Use	LQ01	1270	Code List Qualifier Code	
			Code identifying a specific industry code list	
			<i>Following is a list of preferred codes.</i>	
		0	Document Identification Code	
			Codes that subclassify a transaction	
		79	Priority Designator Code	
			The priority of a transaction	
		83	Supply Condition Code	
			Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable	
		87	Subsistence Type of Pack Code	
			A certain level of protection from the packing or outside shipping container for perishable and nonperishable subsistence items	
		A9	Supplemental Data	
			Identifies the originating organization's unique logistics information	
		AJ	Utilization Code	
			Code identifying the purpose of the transaction	
		AL	Special Requirements Code	
			Identifies special requirements impacting the processing of the transaction	
			<i>Use to identify the precedence, special handling, and processing requirements.</i>	
		COG	Cognizance Symbol	

DE	Signal Code
DF	Media and Status Code
IMC	Item Management Code
MCC	Material Control Code
SMI	Special Material Identification Code

Must Use	LQ02	1271	Industry Code	X	AN 1/30
Code indicating a code from a specific industry code list					

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data	
	<u>Des.</u>	<u>Element</u>	<u>Name</u>
M	SE01	96	Number of Included Segments
			Total number of segments included in a transaction set including ST and SE segments
M	SE02	329	Transaction Set Control Number
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set
			<i>Cite the same number as the one cited in ST02.</i>